OFFICE OF CONGRESSMAN EARL BLUMENAUER
APPROPRIATIONS REQUEST FORM
FISCAL YEAR 2011

Project Details

1. **Project title:** Clinical Laboratory Science Equipment

2. **Organization name and address** (the recipient of the funds)**:**

Oregon Institute of Technology
Oregon Center for Health Professionals
3201 Campus Drive
Klamath Falls, OR 97601-8801

3. **Contact information**
   a. **Project's primary contact:** Chris Maples, OIT President
   b. **Daytime telephone number/ mobile phone number:** 541.885.1112
   c. **Email Address:** chris.maples@oit.edu
   d. **Project location** (if different than organization's address):
      OIT Portland East
      7726 SE Harmony Rd
      Portland, OR 97222

4. **Please describe the requesting organization's main activities.**

Oregon Institute of Technology's Oregon Center for Health Professions (CHP) is the regional leader of undergraduate allied health education within the Pacific Northwest. With accredited baccalaureate degree programs in Medical Imaging Technology, Dental Hygiene, Clinical Laboratory Sciences, Respiratory Care and Health Sciences, instructional facilities, technological infrastructure, academic resources and expansive partnerships with the medical community throughout the Northwest and the country, the CHP offers students a wonderful opportunity to become part of the growing field of healthcare professionals.

5. **Is this organization a public, private non-profit, or private for-profit entity?**

OIT is a public entity.

6. **From what federal agency and account are you requesting funds (Please be specific –e.g., Department of Housing and Urban Development, Economic Development Initiatives account)?**

Department of Health and Human Services – HRSA

7. Briefly describe the activity or project for which funding is requested.

The program in Klamath Falls will reside in the new Martha Anne Dow Center for Health Professions facility. Equipment is needed for both the existing program in Portland and the new program in Klamath Falls. OIT's statewide undergraduate allied health educational initiative is called the Oregon Center for Health Professions.

The program in Portland currently uses technologically-deficient equipment. In general, clinical lab science programs are expensive to offer, which contributes to the gap between the need for professionals and educational opportunities. OIT already employs faculty in its biology program who are capable of teaching in the CLS program, making the program more economically feasible. No other university or college is as well positioned as OIT to help with this workforce shortage.

Despite the economic crisis there is still a demand and need for clinical laboratory scientists. Oregon Institute of Technology has the only CLS program in the state and is ready and willing to aid in this workforce shortage. A new curriculum was approved last spring that allows students to take the first three years of their curriculum in Klamath Falls, if they wish to do so, and then transfer to OIT's, established, 15-month Portland program. To double enrollment and provide further options to the students, OIT is developing a third curriculum track that will allow students to complete the entire Bachelor of Science degree in Klamath Falls in the new Martha Anne Dow Center for Health Professions. This new curriculum supports the other established programs that OIT now offers. Because prerequisite courses for CLS are similar to those of other healthcare programs, students will have the added flexibility to apply to more than one program.

8. What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon?

There are currently 220 accredited CLS programs in the United States. OIT is the only program in the state of Oregon, and one of only five programs in the four states making up the Pacific Northwest. There are approximately 104 graduates per year in these five programs. Nationally, each hospital employs 8–60 clinical lab scientists. Large doctor's offices and clinics also utilize clinical lab scientists. The employment projections identified by WorkSource Oregon indicate that an additional 1,017 CLS professionals will be needed from 2006–2016. If all of the graduates in the Pacific Northwest came to Oregon, we might be able to fill the vacancies that will arise over this period of time. Obviously, that will not occur, and we will have a dramatic shortage of CLS professionals, if more graduates are not produced.

Students understand the career requirements of a doctor or nurse, but often do not know about the crucial work of a clinical lab scientist. According to the U.S. Bureau

of Labor Statistics, "…employment of CLS workers is expected to grow 14% between 2006 and 2016, faster than the average for all occupations. The volume of laboratory tests continues to increase with both population growth and the development of new types of tests." The USBLS further notes that "Job opportunities are expected to be excellent because the number of job openings is expected to continue to exceed the number of job seekers."

9. Has this project received federal appropriations funding in past fiscal years?

Yes

9a. If yes, please provide the fiscal year, Department, Account, and funding amount of any previous funding.

This project received $250,000 for FY 2010, Department of Health and Human Services - HRSA.

Funding Details

10. Amount requested for this project:

$480,000

11. Breakdown/budget of the amount you are requesting for this project (e.g., salary $40,000; computer $3,000):

Program	Quantity	Item	Cost	Total
CLS – K.Falls	1	Centrifuge	6000	6000
	1	Chemistry Analyzer	5000	5000
	1	Freezing Point Osometer	7500	7500
	6	Electrophoresis Chambers	835	5000
	1	Flow Cytomerter	85000	85000
	1	Hematology Analyzer	35000	35000
	1	Immunoanalyzer (automated)	45000	45000
	1	Micro-hematocrit centrifuge	5000	5000
	4	Automated Coagulation Instruments	5000	20000
	1	Mycology Teaching Slide Set	4000	4000
	1	Parasitology Teaching Slide Set	2500	2500
	6	Reagent chemicals & specimens	865	5200
	4	Calibrators	2695	11000
	6	Chemistry centrifuges	2340	14000
CLS - PDX	4	Chemistry Analyzers	707	4200
	1	Fluorescence Microscope & Table	16000	16000
	2	Nephelometer	2400	4800
	1	Freezing Point Osometer	7500	7500
	6	Electrophoresis Chambers	835	5000
	1	Flow Cytomerter	85000	85000
	1	Hematologic Analyzer	35000	35000

		1	Immunoanalyzer (automated)	45000	45000
		1	Electrolyte Analyzer	4300	4300
		1	pH Meter	1500	1500
		1	Micro-hematocrit centrifuge	5000	5000
		1	Regular Centrifuge	5000	5000
		1	Serologic rotator	1000	1000
		3	Centrifuge	1033	4000
		1	Mycology Teaching side set	4000	4000
		1	Parasitology Teaching slide set	2500	2500
			Total		$480,000

12. What is the <u>total</u> cost of the project?

$750,000

13. Is this project scalable (i.e., If partial funding is awarded, will the organization still be able to use the funds in FY 2011?)?

Yes

14. What other funding sources (local, regional, state) are contributing to this project or activity? (Please be specific about funding sources and funding amounts)

To date, the State of Oregon has contributed $20.5 million to the Oregon Center for Health Professions and private donors have provided $12.5 million to the Center. The Clinical Laboratory Sciences program will be offered through the Oregon Center for Health Professions.

15. Please list public or private organizations that have supported/endorsed this project.

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Rogue Valley Medical Center
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